

EXPANSION SLEEVE DETAIL

700

200

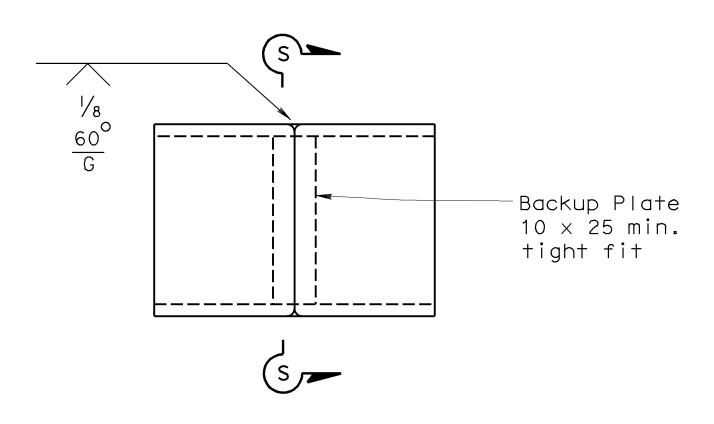
STANDARD SLEEVE DETAIL

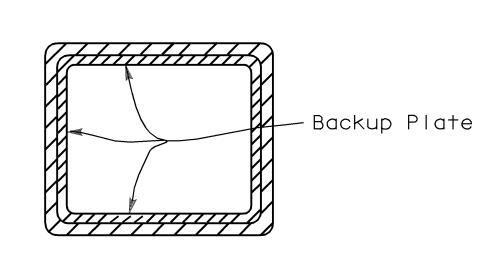
100 150

ELEVATION

25 x 90 slot TYP top & bottom —



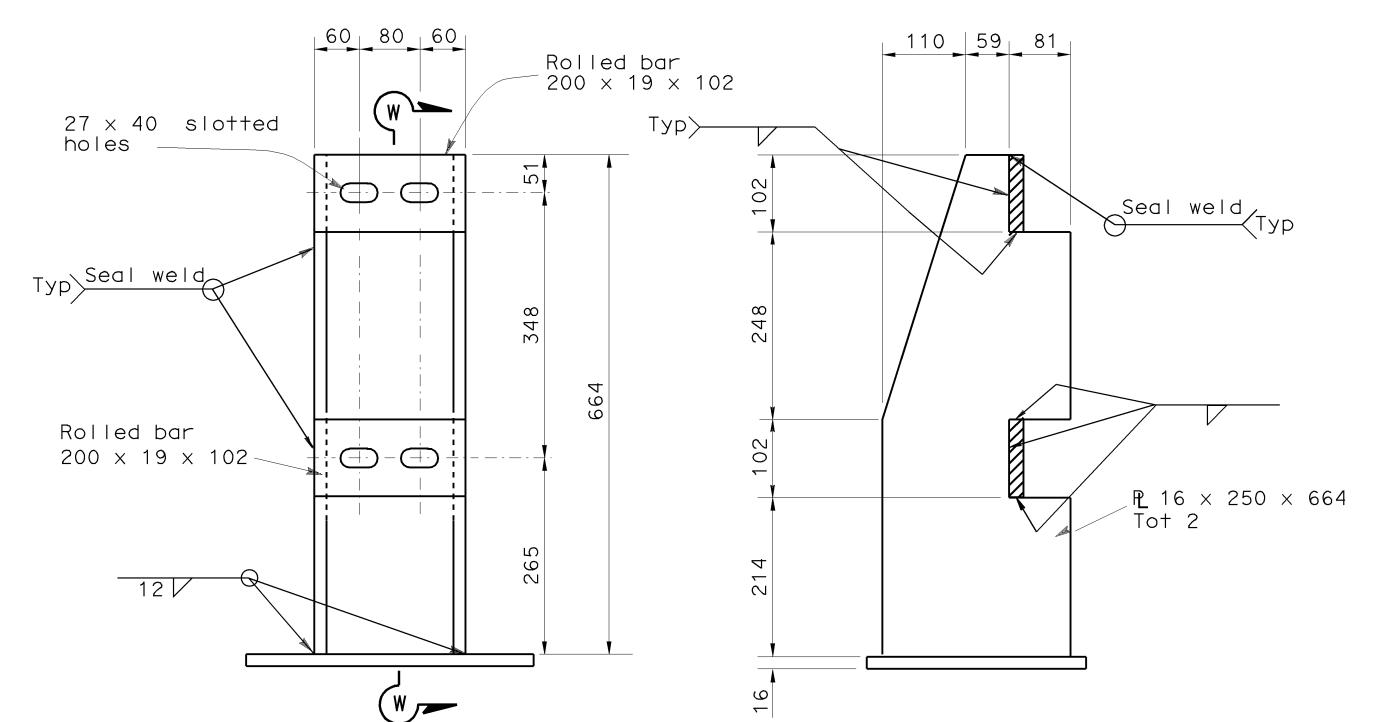




SECTION S-S

ALTERNATE TUBE

WELDED SPLICE



MATERIAL

- A) All structural steel shall be A36, Structural tubing shall be A500 grade B except as noted
- B) All stud bolts shall be high strength conforming to ASTM A325 Galvanized and wrench tight
- C) Stud bolts shall be ASTM A108 and torque to 136 N-m.

GENERAL NOTES

- 1) All structural steel shall be galvanized after fabrication
- 2) Proposed railing layout shown is approximate. Final layout shall be reviewed by engineer before fabrication
- 3) Venting and pick-up holes in rails and sleeves shall be shown on fabricator's shop plans
- 4) Anchor bolts may be tack welded (shop or field) to anchorage.
- 5) All rough edges on posts and rails shall be ground smooth
- 6) Tubing shall be bent or fabricated to fit horizontal curve when curve is less than 273 meters
- 7) After installation of rail, the exposed rail bolt threads shall be painted with two coats of zinc rich paint conforming to the requirement of section 75-1.05 galvanizing of The Standard Specifications.
- 8) The alternative welded splice may be used in lieu of The Standard Splice.
- 9) Each rail length shall be continuous over a minimum of two posts.
- 10) The fabricator shall check that the tubular sleeves splices conform to the dimensions indicated to assure proper clearance.
- 11) Except for expansion splices, not more than one splice shall be permitted per same side of post
- 12) See contract plans for approach guardrail details

POST DETAIL

SECTION W-W

Scale 1:5

STANDARD DRAWING RELEASE 8/26/03 DESIGN BY N ABDIN CHECKED VINDY KWOK RELEASE 8/26/03 DESIGN BY N ABDIN CHECKED VINDY KWOK	CALIFORNIA CHOIN	DIVISION OF RAILING - STEEL TYPE ST-10 RAIL
FILE XS16-200-2 SUBMITTED BY N ABDIN CHECKED VINDY KWOK OFFICE CHIEF	DEPARTMENT OF TRANSPORTATION ENGINE	INEERING SERVICES KILOMETER POST DETAILS NO. 2
DS OSD 2147A (METRIC) (REV. X/XX/XX)	ORIGINAL SCALE IN MILLIMETERS 0 10 20 30 40 50 60 70 80 90 100 EA	DISREGARD PRINTS BEARING EARLIER REVISION DATES REVISION DATES (PRELIMINARY STAGE ONLY) SHEET C

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